

Amendments to the Specification

Please replace paragraph [0013] with the following amended paragraph:

[0013] A method and system for controlling network traffic with different packet tags ~~[[it]]~~ is disclosed. In one embodiment, the method comprises assigning a traffic class to incoming traffic within a connection based on a first packet tag of a first packet in the incoming traffic within a connection based on a first packet tag of a first packet in the incoming traffic and changing the traffic class based on a second packet tag of a second packet within the connection in the incoming traffic, such that the connection is reclassified in response to changes in packet tags.

Please replace paragraph [0049] with the following amended paragraph:

[0049] At processing block 404, a traffic class is assigned to the incoming traffic ~~flow~~ ~~glow~~ of a single connection based on each tag or tags in each packet. For example, classification module 302 examines priority information in tags 202 within incoming traffic. Then classification module 302 assigns a traffic class for the traffic (i.e., packet) based on the examined tags. For example, if tags 202 comprise priority tags, classification module 302 may assign a traffic class for the traffic based on a priority level(s) associated with the priority tags.